

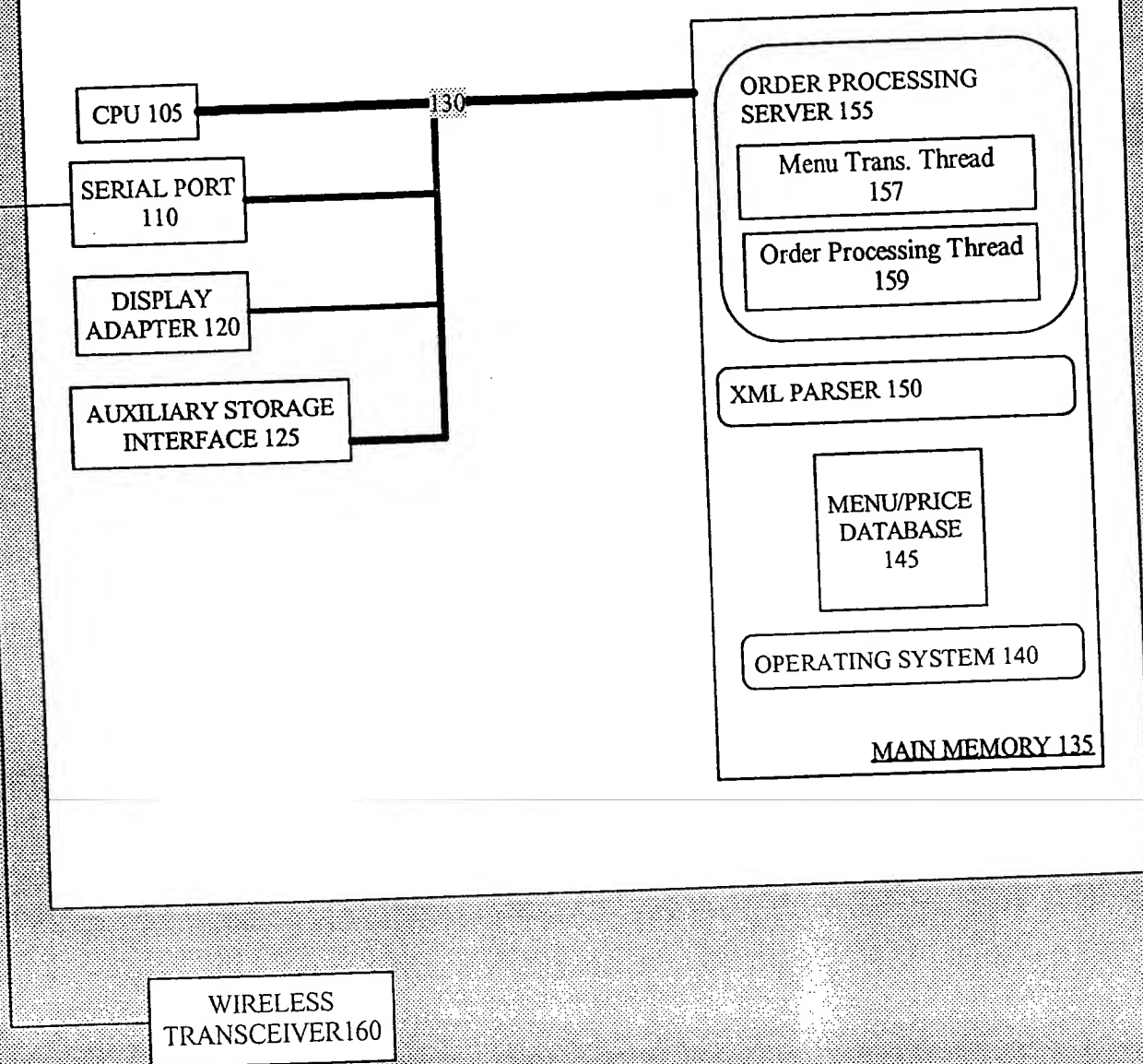
SERVER 100

Figure 1

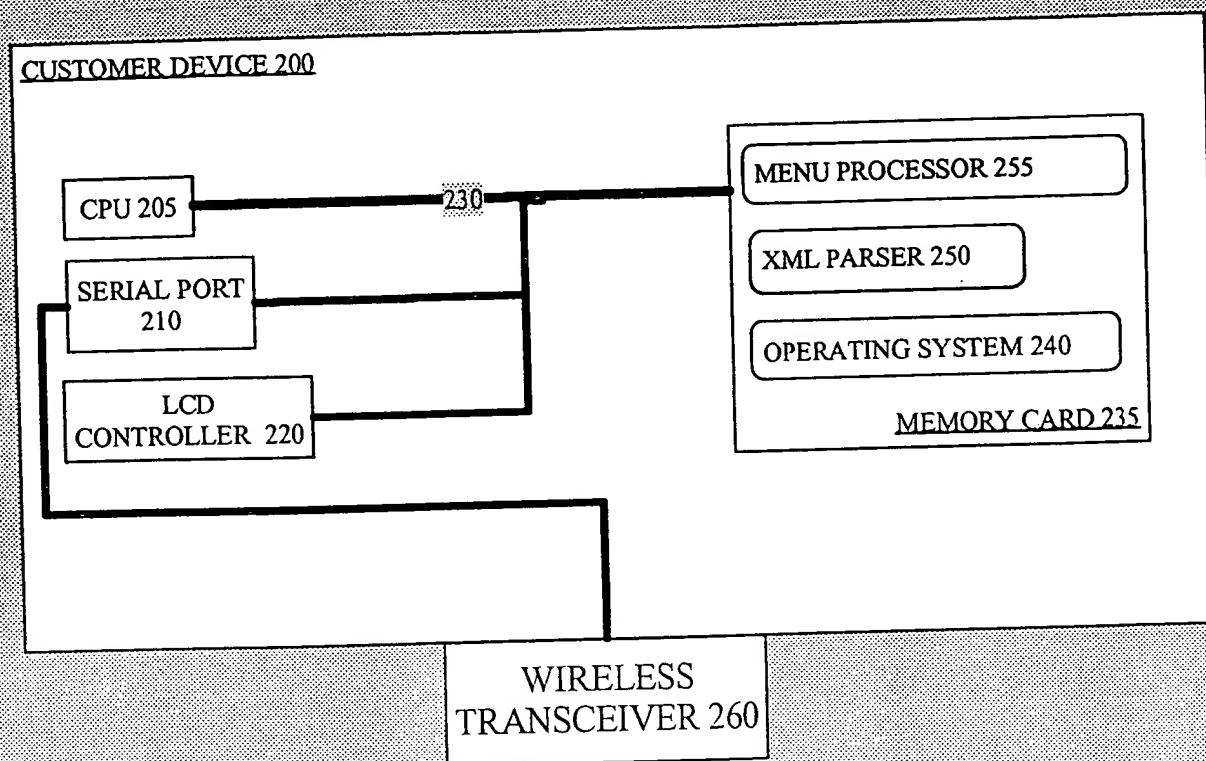


Figure 2

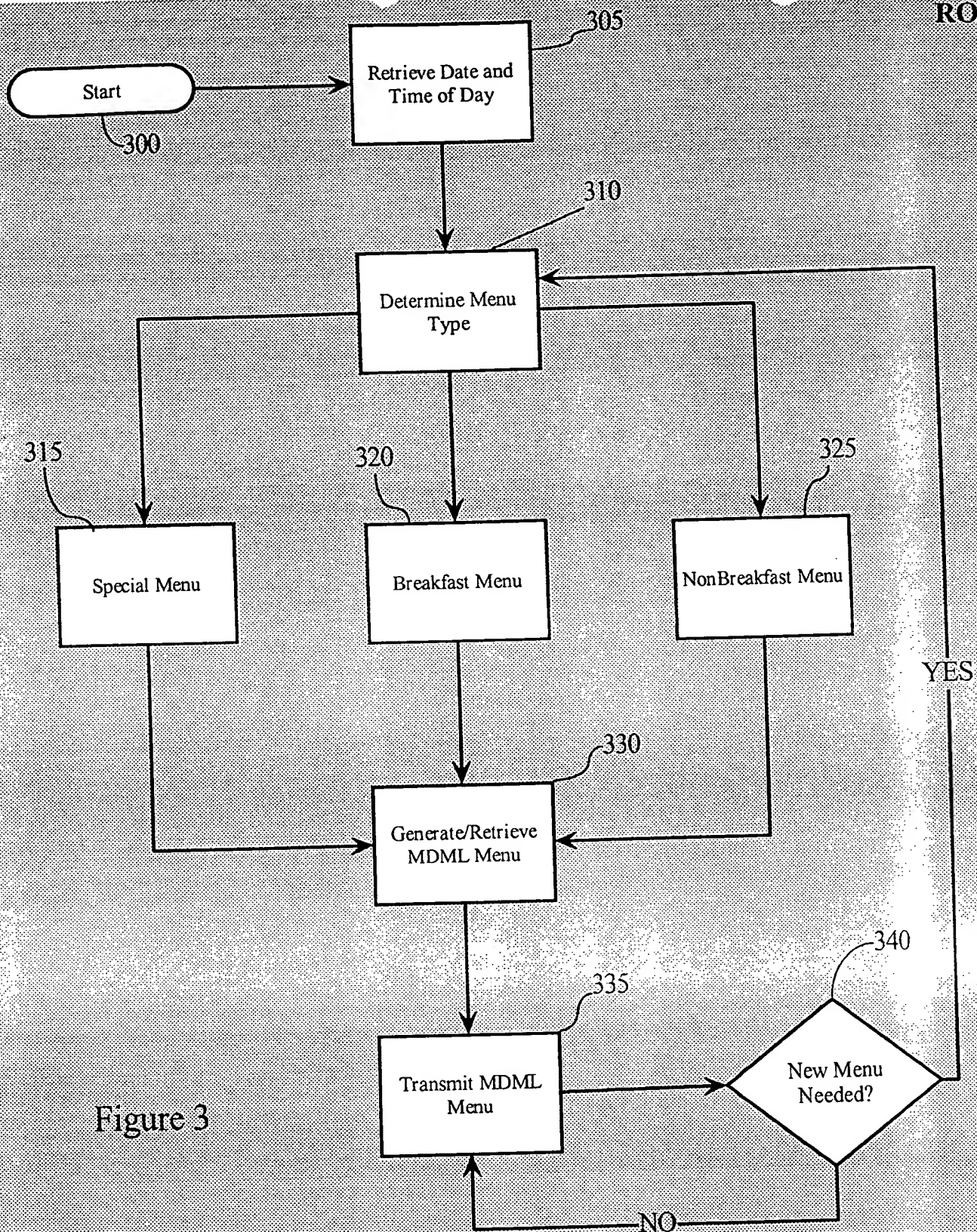


Figure 3

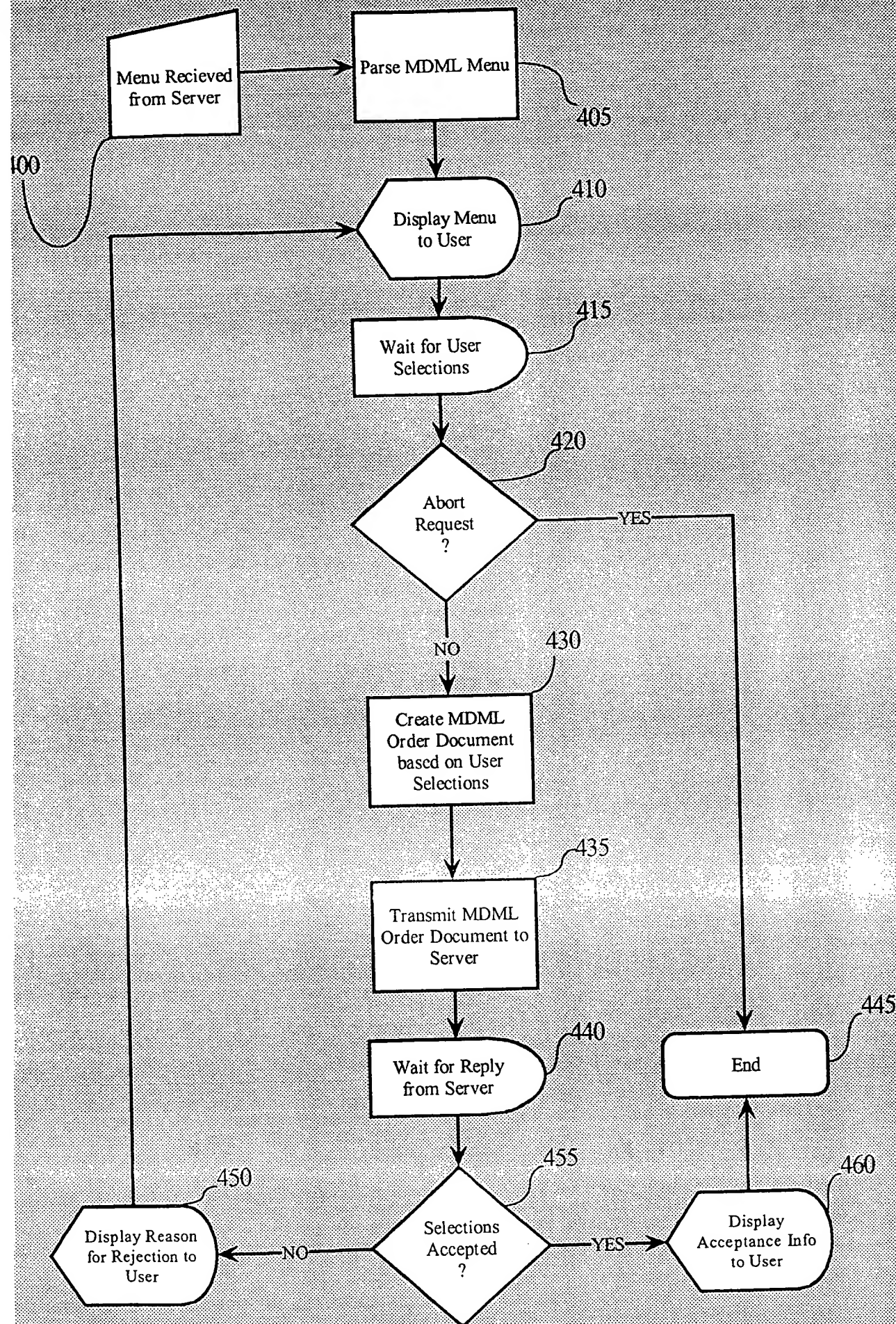


Figure 4

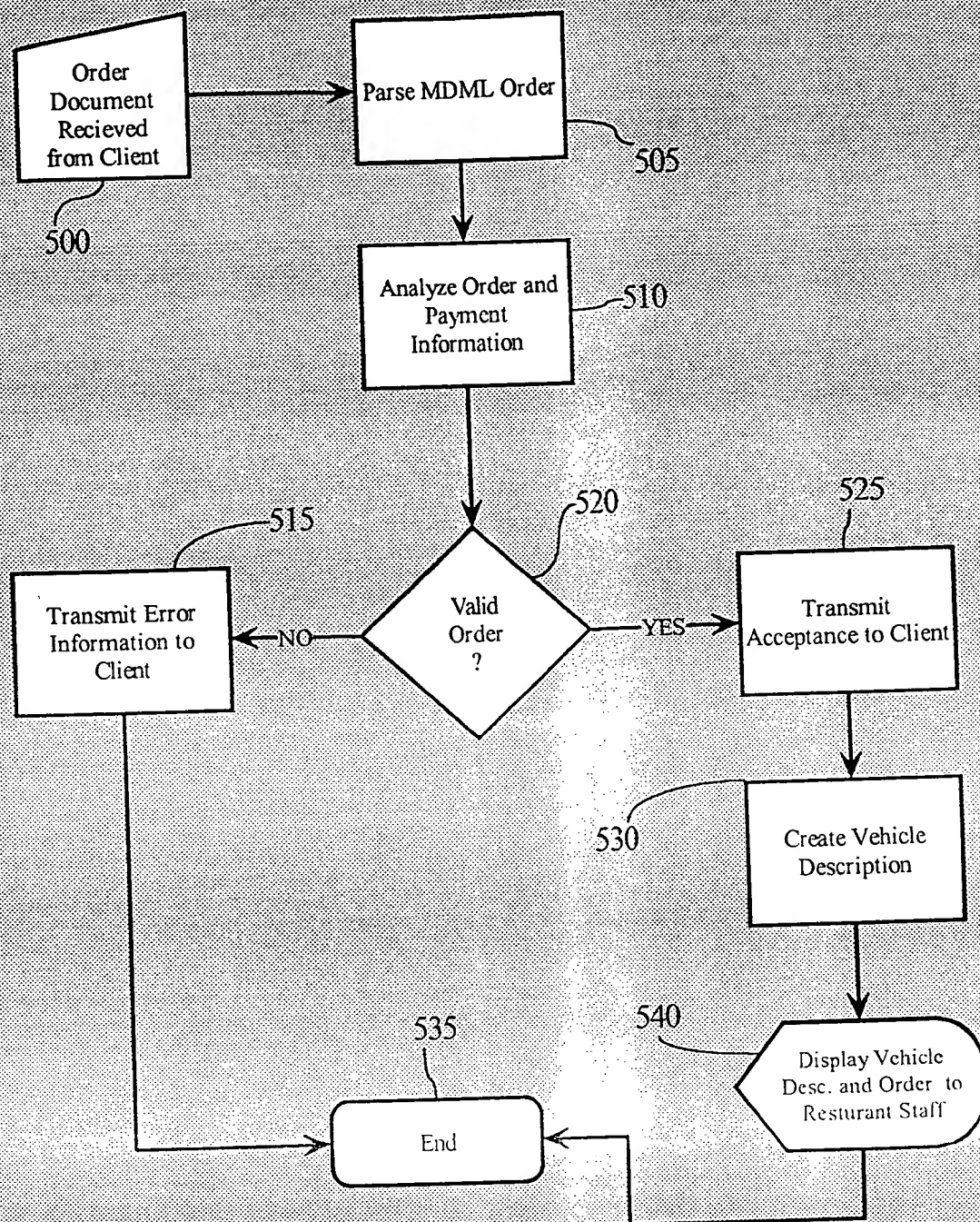


Figure 5

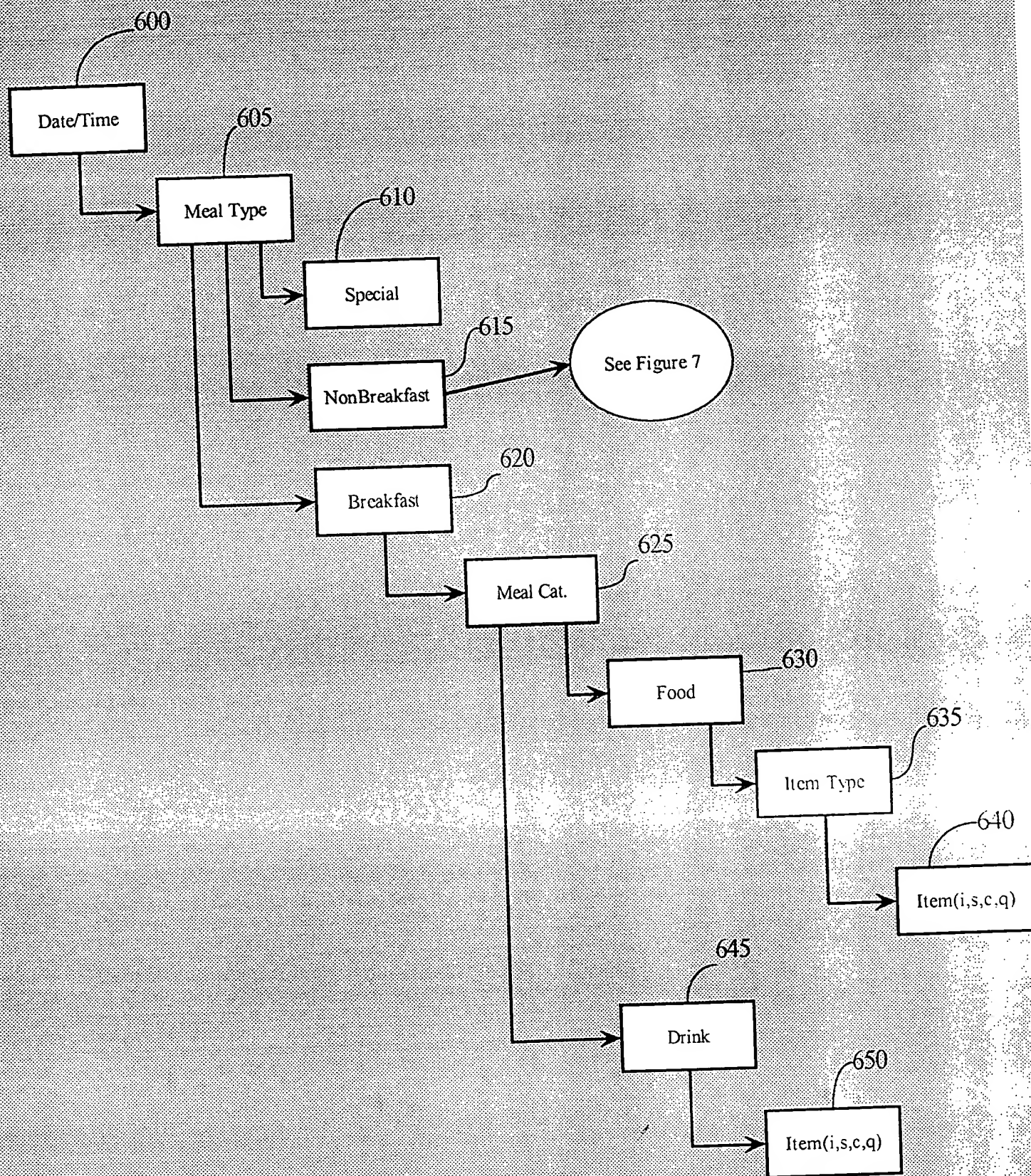


Figure 6

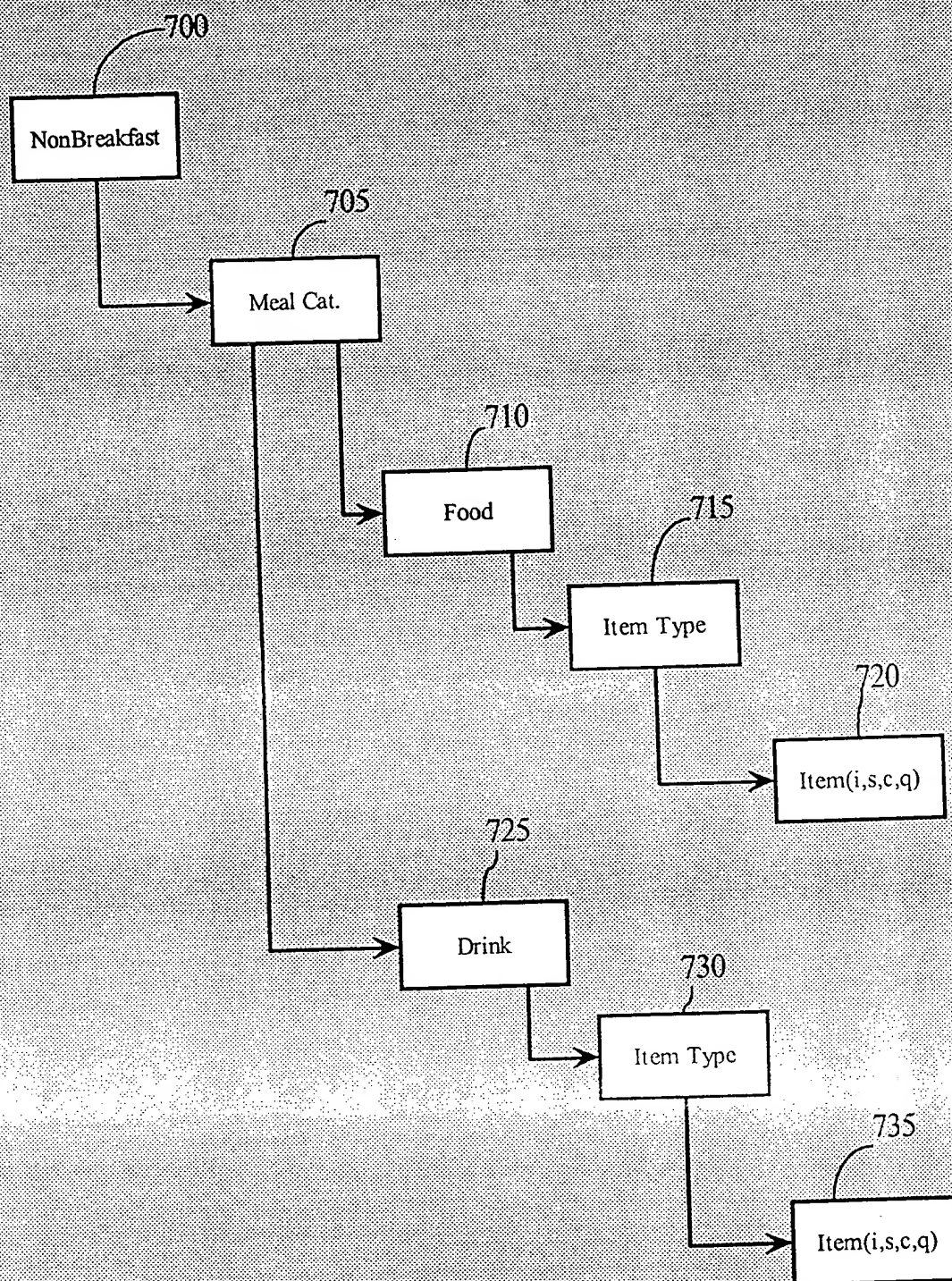


Figure 7

```

      <?xml version="1.0" encoding="UTF-8"?>
      <!-- menu.dtd. -->
800 ~ <!ELEMENT MENU (TIMESTAMP, MEALTYPE+) >
801 ~ <!ELEMENT ORDER (TIMESTAMP, VEHID, PYMT, MEALCAT*) >
      <!-- ***** -->
802 ~ <!ELEMENT VEHID (#PCDATA) >
803 ~ <!ELEMENT PYMT (#PCDATA) >
      <!-- ***** -->
805 ~ <!ELEMENT TIMESTAMP (DATE, TIME) >
807 ~ <!ELEMENT DATE (#PCDATA) >
809 ~ <!ELEMENT TIME (#PCDATA) >
      <!-- ***** -->
811 ~ <!ELEMENT MEALTYPE (MEALCAT+) >
813 ~ <!ATTLIST MEALTYPE name CDATA #REQUIRED >
      <!-- ***** -->
815 ~ <!ELEMENT MEALCAT (ITEMTYPE*, ITEM*) >
817 ~ <!ATTLIST MEALCAT category CDATA #REQUIRED >
819 ~ <!ELEMENT ITEMTYPE (ITEM+) >
821 ~ <!ATTLIST ITEMTYPE type CDATA #REQUIRED >
      <!-- ***** -->
823 ~ <!ELEMENT ITEM EMPTY >
825 ~ <!ATTLIST ITEM type CDATA #REQUIRED
      size CDATA #REQUIRED
      price CDATA #REQUIRED
      quantity CDATA #IMPLIED >

```

Figure 8


```

902 ~ <?xml version="1.0"?>
      <!-- Breakfast Menu -->
      <!-- ABC Restaurant -->
      <!-- Generated: 01/28/99 06:00:00 -->
905 ~ <!DOCTYPE MENU SYSTEM "menu.dtd" >
      <MENU>
910 ~   <TIMESTAMP>
915 ~     <DATE> "JANUARY 28, 1999" </DATE>
      <TIME> "07:53:22" </TIME>
      </TIMESTAMP>
925 ~   <MEALTYPE name="BREAKFAST">
930 ~     <MEALCAT category="FOOD">
          <ITEMTYPE type="MEAL">
              <ITEM type="LITEMEAL" size="N/A" price="$2.89"></ITEM>
              <ITEM type="HUNGRYMEAL" size="N/A" price="$4.89"></ITEM>
          </ITEMTYPE>
935 ~     <ITEMTYPE type="SANDWICH">
          940 ~ { <ITEM type="SAUSAGE-EGG" size="N/A" price="$1.89"></ITEM>
                  <ITEM type="BACON-EGG" size="N/A" price="$1.89"></ITEM>
                  <ITEM type="HAM-EGG" size="N/A" price="$1.89"></ITEM>
          </ITEMTYPE>
941 ~ <ITEMTYPE type="SIDEORDER">
              <ITEM type="HASHBROWNS" size="S" price="$0.89"></ITEM>
              <ITEM type="HASHBROWNS" size="M" price="$1.09"></ITEM>
              <ITEM type="HASHBROWNS" size="L" price="$1.29"></ITEM>
              <ITEM type="MUFFIN" size="N/A" price="$1.39"></ITEM>
              <ITEM type="ROLL" size="N/A" price="$1.39"></ITEM>
          </ITEMTYPE>
      </MEALCAT>
942 ~ <MEALCAT category="DRINK">
          <ITEM type="MILK" size="N/A" price="$0.89"></ITEM>
          <ITEM type="COFFEE" size="R" price="$1.09"></ITEM>
          <ITEM type="COFFEE" size="L" price="$1.29"></ITEM>
          <ITEM type="ORANGEJUICE" size="N/A" price="$0.89"></ITEM>
          <ITEM type="APPLEJUICE" size="N/A" price="$0.89"></ITEM>
      </MEALCAT>
      </MEALTYPE>
      </MENU>

```

900

~ 950

Figure 9

1062 ~ <?xml version="1.0"?>
1005 ~ <!DOCTYPE ORDER SYSTEM "menu.dtd">
1007 ~ <ORDER>

1010 ~ { <TIMESTAMP>
 <DATE> "JANUARY 28, 1999" </DATE>
 <TIME> "07:59:22" </TIME>
 </TIMESTAMP>

1015 ~ <VEHID>97,TAN,FORD,TRUCK,2175</VEHID>
1017 ~ <PYMT>VISA,1234123412341234</PYMT>

1020 ~ <MEALCAT category="FOOD">
 <ITEMTYPE type="SANDWICH">
 <ITEM type="SAUSAGE-EGG" size="N/A" price="\$1.89" quantity="2"></ITEM>
 </ITEMTYPE>
 <ITEMTYPE type="SIDEORDER">
1025 ~ <ITEM type="HASHBROWNS" size="S" price="\$0.89" quantity="1"></ITEM>
 </ITEMTYPE>
 </MEALCAT>
 <MEALCAT category="DRINK">
1030 ~ <ITEM type="MILK" size="N/A" price="\$0.89" quantity="1"></ITEM>
 </MEALCAT>
 </ORDER>

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Figure 10